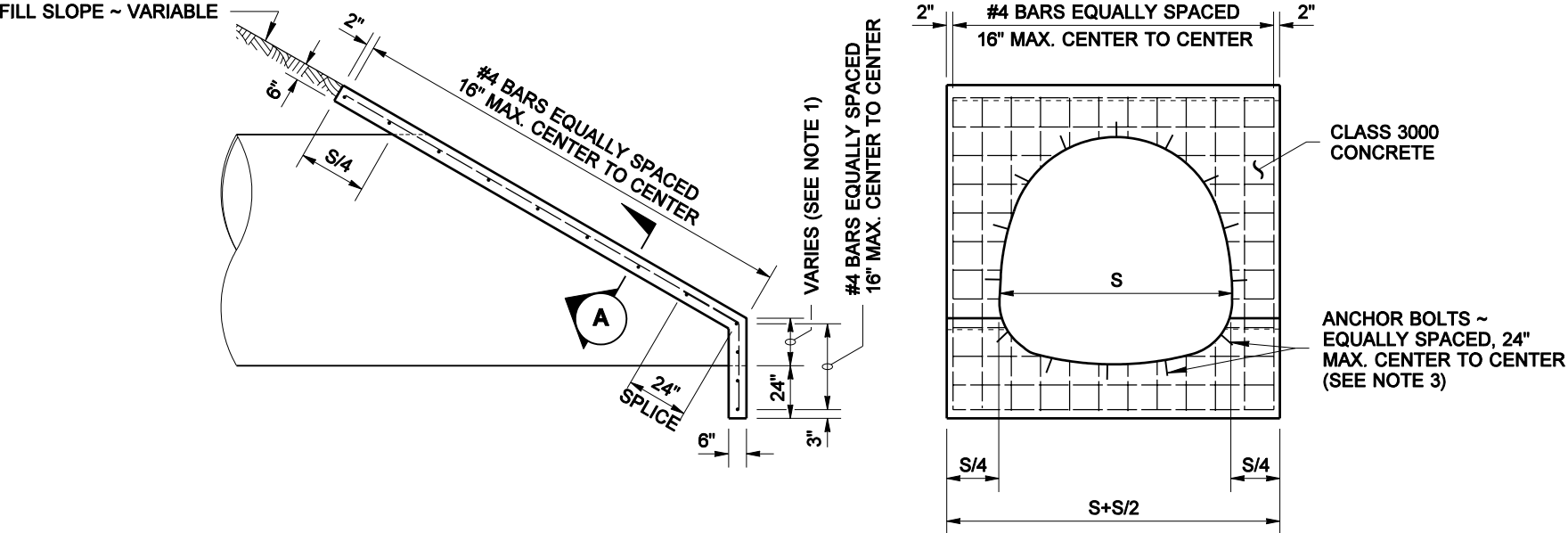
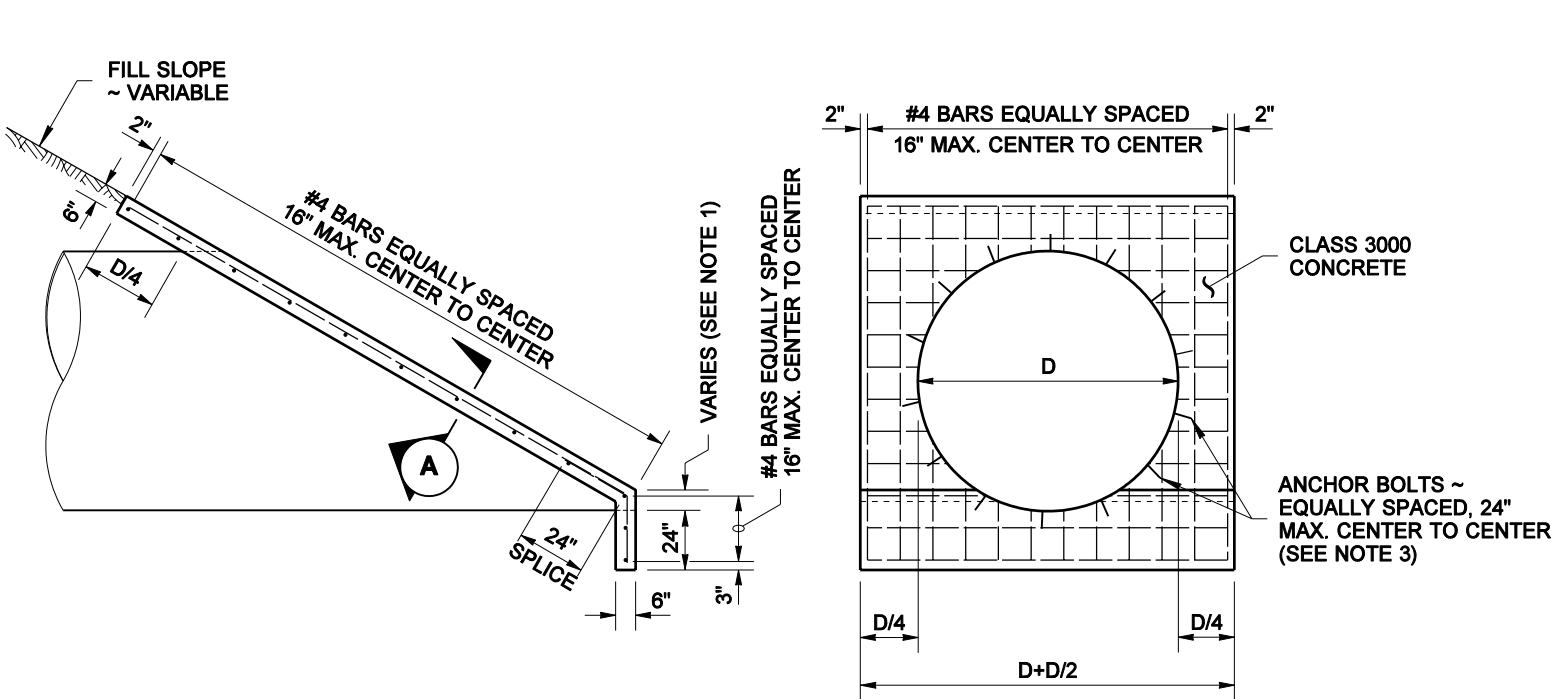


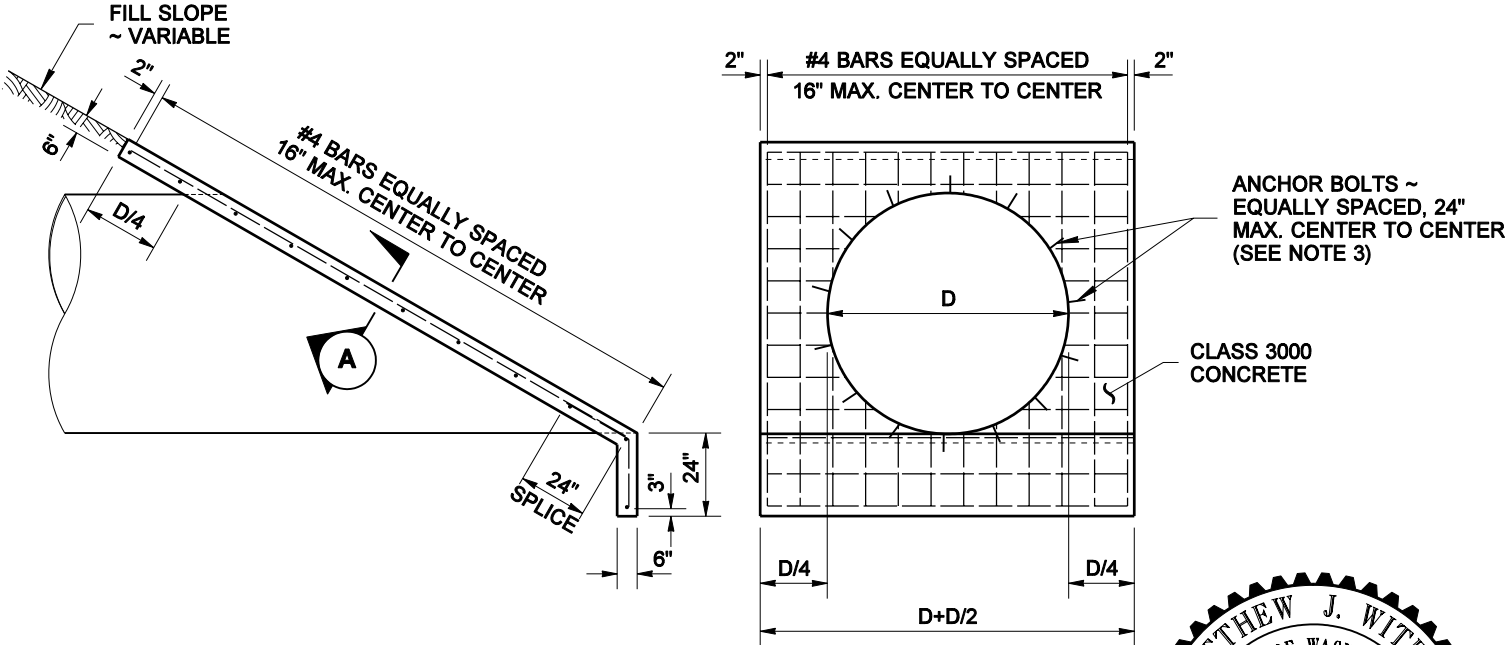
DRAWN BY: ADAM COCHRAN



STRUCTURAL PLATE PIPE ARCHES AND UNDERPASSES

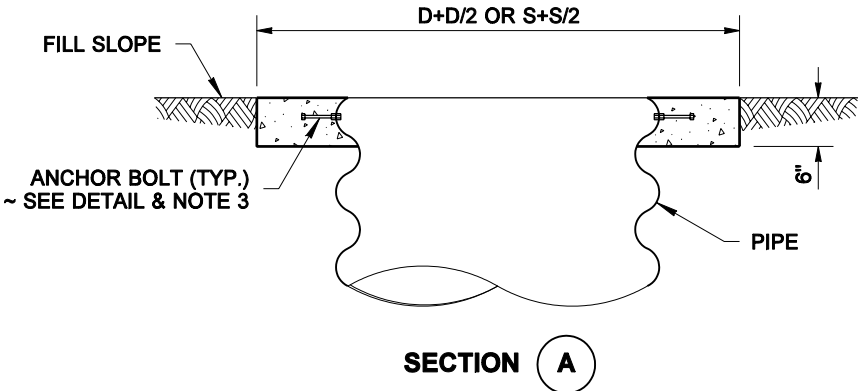


STEP MITERED PIPE

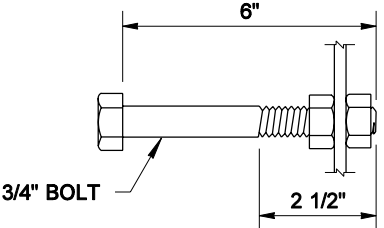


FULL MITERED PIPE

PIPES AND STRUCTURAL PLATE PIPES



SECTION A



ANCHOR BOLT DETAIL

NOTES

1. The variable dimension indicated for the height of step for step mitered pipes shall conform to the manufacturers recommendations unless specified differently on the plans or in the Special Provisions.
2. Reinforcing steel shall have 1 1/2" min. clear cover to all concrete surfaces.
3. Headwalls for concrete culvert pipe may omit anchor bolt attachment.
4. When steel pipe safety bars are used, headwall thickness shall be increased to 8".



EXPIRES JULY 1, 2007

HEADWALLS FOR CULVERT
PIPE AND UNDERPASS

STANDARD PLAN B-75.20-00

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Harold J. Peterfeso 06-01-06

STATE DESIGN ENGINEER

DATE



Washington State Department of Transportation

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION, IS KEPT ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.